Grid activities in Prague

▷ Prague is member of EU DATAGRID

- Institute of Physics, AS CR

- CESNET (Czech research network provider)

▷ Ongoing projects

- WP6 - testbed (PC farm used now for DØ MC simulations)

- WP8 - application (ATLAS)

- plan – establish a TIER 2 centre in Prague

▷ Manpower

- Miloš Lokajíček - coordinator

- Jiří Kuhn - WP6 test-bed

- Petr Tas - WP8 application for ATLAS

▷ DØGrid in Prague

- cannot offer any development work

- installation and testing of DØGrid software

DATAGRID farm

▷ PC farm provided by CESNET

- 16 dual processor nodes (PIII at 700 MHz)
- one master station
- farm is running Debian 2.2 Linux
- PBS batch system

▷ Institute of Physics AS CR provides

- fileserver for DØ software and minbias files
- SAM station with large cache area
- farm is mostly used for DØ MC production
- two nodes are used for testing Grid software

New farm at Institute of Physics AS CR

- comming within next three months
- 32 dual processor nodes (PIII at 1.15MHz, 1GB memory) + 1TB disk array
- dedicated to high energy physics experiments (ATLAS, DØ)